

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Karthik Ramani et al.	Examiner:	Unknown
Serial No.:	10/763,741	Group Art Unit:	2173
Filed:	January 23, 2004	Docket:	1165.021US1
Customer No.:	21186	Confirmation No.:	7671
Title:	METHODS, SYSTEMS, AND DATA STRUCTURES FOR PERFORMING SEARCHES ON THREE DIMENSIONAL OBJECTS		

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**SUGGESTED RESTRICTION REQUIREMENT  
AND REQUEST FOR TELEPHONIC INTERVIEW**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Please consider the following suggestion for a restriction requirement. Pursuant to 37 C.F.R. § 1.142(c), this Suggested Restriction Requirement is submitted before a first Office action on the merits, before an Office action that contains a requirement to comply with the requirement of unity of invention under PCT Rule 13, and before a requirement for restriction under 35 U.S.C. 121 in the application.

**Suggested Restriction Requirement**

Applicant suggests that the claims can be restricted into the following Groups:

Group 1 (Claims 1-7; 14-20; 38-40; 56-60; and 72-74) is directed toward modifying a search based on relevancy feedback. Claims 56-60 are directed to organizing search results into similar results. Organizing search results into similar results enables feedback by permitting a selection of the similar result groupings to be supplied as specific relevancy feedback to modify a search. Therefore, Applicant respectfully asserts that the claims of Group 1 are directed to modifying a search based on relevancy feedback techniques.

Group 2 (Claims 8-13; 32-37; 41-49; and 61-63) is directed toward searching techniques in response to receiving a two-dimensional object and converting that two-dimensional object into a three-dimensional object.

Group 3 (Claims 21-31; 50-55; 64-71) is directed toward searching techniques in response to topology and geometry constraints.

Conditional upon acceptance and entry of this Suggested Restriction Requirement, Applicant hereby elects, without traverse, to prosecute Group 1 (Claims 1-7; 14-20; 38-40; 56-

60; and 72-74). Applicant believes that this Group comprises no more than 5 independent and 22 total claims. In addition, upon acceptance and entry of this Suggested Restriction Requirement, then the remaining claims, those of Groups 2 and 3, are hereby immediately cancelled without prejudice or disclaimer. Applicant reserves the right to reintroduce such cancelled claims in this application or present such claims in a later filed application. Since such cancellation is being made before a first Office action on the merits, Applicant reserves the right to request a refund for any excess claim fees of the cancelled claims.

Request for Telephonic Interview

Regardless of the treatment of this Suggested Restriction Requirement, Applicants' representative Joseph P. Mehrle respectfully requests a telephonic interview with the Examiner. Applicants believe that an interview may be beneficial in considering the Suggested Restriction Requirement and to afford Applicants an opportunity to cancel or amend any non-elected claims before issuance of a first Office action on the merits in order to preserve Applicants' ability to request a refund of the excess claim fees of the non-elected claims. Applicants' representative can be reached at (513) 942-0224.

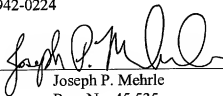
If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

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Date 09/28/07

By



Joseph P. Mehrle  
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**CERTIFICATE UNDER 37 CFR § 1.8:** The undersigned hereby certifies that this correspondence is being filed using the USPTO's electronic filing system EFS-Web, and is addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 28<sup>th</sup> day of September 2007.

Zhakalazky M. Carrion  
Name

  
Signature